
Lectotypification of *Machilus platycarpa* and *Machilus gracillima* (Lauraceae)

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ABSTRACT. In the description of two species of *Machilus*, Chun cited two type collections. In each case, one of the type collections does not belong in the Lauraceae. Lectotypification of these two names is proposed.

Key words: China, Lauraceae, lectotypification, *Machilus*.

During a project aimed at cataloging names and types of Chinese Lauraceae, problems were encountered with the types of two species of the genus *Machilus* Nees described by Chun (1953). In Chun's article, species were first described in Chinese, including citation of a type and paratypes when available, followed by a translation in Latin, again with citation of a type and paratypes. In two cases the type collection cited in the Chinese description was different from the type collection cited in the Latin description. Both names have been used in subsequent publications (Lee, 1982; Wei et al., 1991). In order to avoid confusion about the correct type specimen for these two names in *Machilus*, we lectotypify both names and explain the reasons for our lectotypification in this note.

1. LECTOTYPIFICATION OF *MACHILUS PLATYCARPA* CHUN

Machilus platycarpa was published in Chun (1953), with the Chinese description on page 163 and the Latin description on page 164. Chun designated *S. P. Ko 51351* as the type collection in the Chinese description and *C. Wang 38722* in the Latin description. Chun worked at IBSC. His original material should be expected in IBSC, and indeed both collections are present in that institution. The first author had the opportunity to study both collections and found that *C. Wang 38722* belongs to the Lauraceae and fits the description of *Machilus*

platycarpa Chun. Further, the collection *S. P. Ko 51351* does not belong to the Lauraceae, but represents *Oreocnide frutescens* (Thunberg) Miquel (Urticaceae). Clearly, a lectotype is needed in this situation, which we designate below.

Machilus platycarpa Chun, Acta Phytotax. Sin. 2: 163, pl. 29. 1953. TYPE: China. Guangdong: Yangchun County, Mount Liping, 13 Nov. 1935, *C. Wang 38722* (lectotype, designated here, IBSC; isotypes, IBK, MO).

2. LECTOTYPIFICATION OF *MACHILUS GRACILLIMA* CHUN

The case of *Machilus gracillima* is similar to the preceding one. Chun designated *C. Wang 41072* as the type in the Chinese description and *C. Wang 41022* as the type in the Latin description. A search in IBSC yielded the collection *C. Wang 41072*, which indeed belongs to the Lauraceae and fits the description of *M. gracillima*. However, the collection *C. Wang 41022* could not be located in IBSC; records kept at IBSC indicated that *C. Wang 41022* belonged to *Stachyurus chinensis* Franchet (Stachyuraceae). Subsequently, the first author found a duplicate of *C. Wang 41022* in PE. This specimen represented *Stachyurus chinensis*, as indicated by the records at IBSC. Again, lectotypification is required to resolve this taxonomic/nomenclatural confusion.

Machilus gracillima Chun, Acta Phytotax. Sin. 2: 170, pl. 35. 1953. TYPE: China. Guangxi: Nandan County, Mangchang, Mengguo, 10 July 1937, *C. Wang 41072* (lectotype, designated here, IBSC).

Literature Cited

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